

FIG. 1

CETP Genomic (SEQ ID NO:1)
Genbank M32992

tgtctttttc	tcatagtcat	tgtatttttg	cctcttttcta	tttatggcaa	cagagagaga	60
aagcttattc	ctagatatat	gtattttaagt	aaaaataaat	gaattcatgg	aaacatatata	120
agcaattatc	cagataaacat	aagggatggc	aaaaatggtg	cagatggttg	aggggagaca	180
agtagaagtt	gggtgctctc	tgttgaatgt	ctggctctga	actctagagg	agggccgcagg	240
ggctgggcag	gaaggaggtg	aatctcttgg	gccaggaaga	cctgctgccc	cggaaagagcc	300
tcattgttccg	tgggggcttg	gcggacatac	atatacgggc	tccaggctga	acggctcggg	360
ccacttacac	accactgcct	gataaccatg	ctggctgcca	cagtcctgac	cctggcccctg	420
ctgggcaatg	cccatgcctg	ctccaaaggc	acctcgcacg	aggcaggcat	cgtgtgccgc	480
atcaccaaagc	ctgccctcct	ggtgtgtaag	tatcagtgca	tctgtctgcc	ctgccagggg	540
tcttttcacg	gacacccact	atgccaggag	cctccctggc	ctgaagccag	ccctgaagcc	600
ggctgccaca	ctagcccaga	gagaggagtg	ccctggggagg	gagatgggct	gagtgagagct	660
gtcatcaccc	cctcctgacc	tgccttcaa	ggtcaagtct	tttgggtgaga	aggtcctagc	720
tgcattgcaa	acagccaggt	atagggattt	gtgtttgtct	gcgacccaga	atcacctgggg	780
ttcgagttag	ggttcagatc	tgagccaggt	taggggggta	atgtcagggg	gtaaaagatta	840
ggaggttggt	gtatatattg	tgttgggggt	cactctatgg	ccaaagtcag	gggttgccat	900
gagctcaggt	gacggaggct	ccatcactga	ctgttttgtga	ctttgccagc	tcccctggcc	960
ctctctgggc	ctcagttctc	tgtctatata	ataaggggtat	agggaggcta	aatgatacaa	1020
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cagtgtcaca	gcatacgtctg	ggtgaggcta	gggttagtgt	gcggctgggc	tcaggggctgc	1140
cccatattgct	aggatcgtgg	ggttccccatg	tgtcaggatc	cagaggctag	ggtatgatca	1200
ggatctctag	ctggggctcag	ggtcagagct	ctctgtgtcc	cctagaattg	ccatcaacct	1260
taaaaccaga	ggaggccccag	tccaacccct	cagctttaag	acctgggagc	ctcatctcag	1320
agaggctgag	tcattggccaa	ggcagtttgg	gtgggagcag	ggggctttggt	gtgggcctgc	1380
agccctcatc	cactgcccctc	cctctagtga	accacgagac	tgccaaagtg	atccagaccg	1440
ccttccagcg	agccagctac	ccagatatca	cgggcgagaa	ggccatgatg	ctccttggcc	1500
aagtcaagta	tgggttgcac	aagtgagtcg	ggcctcgggt	gtgacctggc	tgggggtagg	1560
gtggcgggag	gaacagcctg	ggcttcccc	agccacaggg	aggaaaaggca	gcagctgggg	1620
gactcaggtc	tctcccccttg	atttgggaacc	agagcc			1656

10032241.060402

FIG. 2A

CETP Genomic (SEQ ID NO:2)
Genbank M32993

ctctttttta aagataggca tttctagata taaatctccc tgtgagcagc gttccctcca	60
tcttcagcac accagggttg actctctccg ggcgttcttc cctggtcacc tctcccttc	120
ctctcctctt ctgcctcctc ttccactttt cggtaacctg tgattgattg ggaccaccca	180
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gaagccaagt ccattgatgt ctccattcag aacgtgtctg tggcttcaa ggggacctg	540
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ctgagtatgt gtcaagcgtc ctctggggaa gtgggagctg gactccaggg ctggtctcag	780
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gcactctcaa ggggagcgag agtaagtaca ccacctgtg cccccattcc tgtcgtgccc	1080
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tggccaaaac tgaggggcagc aataccttca gtgggggtcat tccatcccc tccatcaata	1200
cacctaaag gctggaaaca acaataacca acagctagta actaacagct attaagaact	1260
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caaccctagg atatagattc tgttatcatc ccttttttac atatgggtaa actgagtcac	1380
agacaggtta gaaaggaaaa gctcatatct acggagtcca tcctgcattc caagcaccac	1440
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cactaaggga tgggagtagg acccatttga acccagactt ctctgacccc agaagctgag	1560
ttcctagata ctttactctc ctgcttccca ggggtggggct ttttgtcttg gccaacaccc	1620
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cctagtcatg ttaccaatgc caaacctgga aggcagaagg gaactggttg gtggggtctg	1740
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gaatttggac tctagacacg ttctcgtgtg tgtgacaggt gtgagcgtca caggagctgg	1860
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ctcactgcaa	aatgggagtg	ataattctta	cttcctgagc	tacaagagtc	agggccaa	1980
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tgtgggtccag	gccatgccca	ggaggctgga	tccctttcct	ccctgccttt	ccctgagaag	2220
gtgccactcc	cacctttccc	atgtggccag	tccctgtgct	cggtccccag	cactgccacc	2280
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ccctgacccc	tctctgcagg	caccagggct	gccactaca	aggatcccag	caaagcacca	3360
gctccttccc	agagggttta	ttcgggtctt	gtcatcctct	acagcagtgg	attgtggccc	3420
ccccaggggg	gtactqaaa	aaqctt				3446

FIG. 3

CETP Genomic (SEQ ID NO:3)
Genbank M32997

acatggtgca	catgcctgta	gtcctagcta	cttgggtggct	gaggtagaca	atcgcttgaa	60
cctgggacgt	ggaggttgca	gtgagctgag	atcgtgccac	tgccctccag	cctgggcaac	120
agagtgaac	tgtctcaaaa	acaaaaaaag	aaaagaaaag	aaaaagaaag	tgactttctca	180
ggtcctaacc	ccaaagccac	aggtgctggg	gaactttcct	cggttttcag	aagagcagta	240
gctaagcctg	gttcccgtgt	catccttgcc	tctccagtc	ctcagtgga	agaatcaggg	300
gcctgagct	aggagggttg	ctctctgctt	cgggaagagc	cctggctcac	agcaaatctg	360
gtttctctcc	ccaggatata	gtgactaccg	tccaggcctc	ctattctaag	aaaaagctct	420
tcttaagcct	cttgatttc	cagtatgtgc	tgacagagaag	agaaggggag	ggtcaactcc	480
gcaaacctct	ccctggcccc	ttggagtcag	gcacagggcg	gggtgttggt	ggggaaatgt	540
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gaatcttcgt	ggggaagaa	gggtccagg	aagaatggag	ggctgccagg	aagaaggcct	660
gagctatgag	acaaaagcac	tggtgcttat	tcttagagtt	tctttcccag	gggatgttac	720
aggagggggc	ccaatggagg	gtcaaatat	catcgctttt	ttatttcagg	attacaccaa	780
agactgtttc	caacttgact	gaggtaggta	gtcttggata	gactggggga	aataagtcct	840
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acaaaaagaa	tgtgaccagg	tggtccatgc	tgtgtctctt	gtgaccttc	ttctccctgc	960
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tctggggcac	gaaaacggag	tgggttgat	gtattttttt	cacggatggg	catgaggatg	1200
aatgcttgtc	caggccgtgc	agcatctgcc	ttgtgggtca	cttctgtgct	ccagggagga	1260
ctcaccatgg	gcatttgatt	gcagagcagc	tccgagtcgg	tccagagcct	cctgcagtca	1320
atgatcaccc	ctgtgggcat	ccctgaggtc	atgtctcgta	agtgtgggct	ggaggggaaa	1380
ctgggtgccc	aggctgacag	agcttcccat	ttcacctttt			1420

FIG. 4

CETP Genomic Sequence (SEQ ID No. 4)
Genbank No.: M32998

```
1  ggatggggtg ggagctcaag ttttggggca gaagggaatt tttttggca gcagagtgc
61  agccctgccg ccaggcaaac tctgctcttc ctcatcctca gaagcacttg ctcaactctgc
121 taaatcaaaag tgaaacgcat gtttacagaa tattggtcca aaaggggtctc agcatctccc
181 actacccagg gtgcagagcc tcgggccggc cttgctcccc aagaagggct gactggggct
241 ctgtccccctc gcccagggtc cgaggtagtg tttacagccc tcatgaacag caaaggcgtg
301 agcctctctcg acatcatcaa ccctgagatt atcactcgag atgtgagtac aaagcccccc
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421 tgttgggggag acagacagag gggcctctac cagcttggtt ccctcctggt ggcctgggag
481 tcagcccagc tcgccccctc ctctactgc cctcccrctc agggcttctt gctgctgcag
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601 tctccaagga ggtcgggatg gggcttgtag cagaaggcaa gcaccaggct cacagctgga
661 accctgggtg ctctccagc gtggtggaag ttgggttagg agtacggaga tggagattgg
721 ctcccaactc ctccctatcc taaaggccca ctggcattaa agtgctgtat ccaagagctg
781 cggagtcctt cttctgtggc tggcgggtag aggggggggg aagggattgt ctaccagtg
841 ccgtccacct cttttcagcc ctccaagca gctgccccca aacctccaa gctt
```

FIG. 5

CETP Alleles

Intron 1 (707):

Allele 1: GTTCTTTGGT G AGAAGGTCCT (SEQ ID No. 5)

Allele 2: GTTCTTTGGT A AGAAGGTCCT (SEQ ID No. 6)

Intron 8 (3707):

Allele 1: TGGCCTGAAC C TGATCGCGGACC (SEQ ID No. 7)

Allele 2: TGGCCTGAAC T TGATCGCGGACC (SEQ ID No. 8)

Intron 8 (3946):

Allele 1: GATGATCTAG A GGGCGGGGG (SEQ ID No. 9)

Allele 2: GATGATCTAG T GGGCGGGGG (SEQ ID No. 10)

Promoter (VNTR):

GAA and GAA repeats between -2144 and -1974 from translational start site. Alleles are defined by variation in size.

Insertion (307):

Allele 1: GAATGGAGGG AGGCCCTGGC (SEQ ID No. 11)

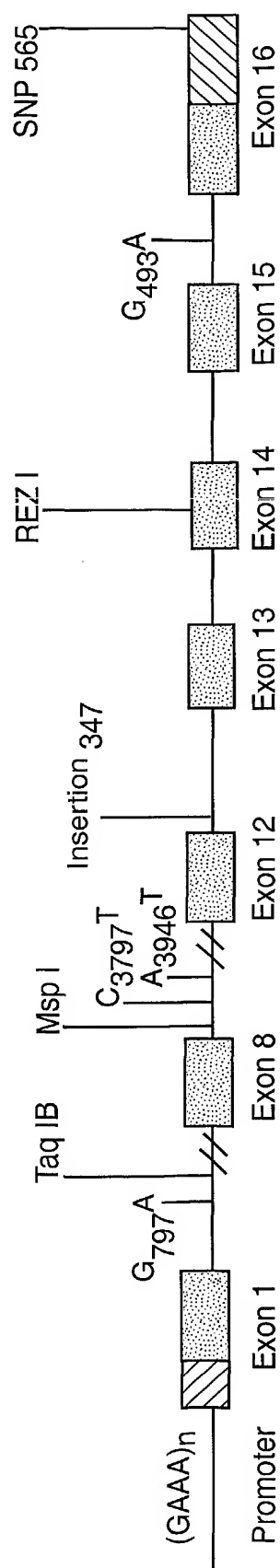
Allele 2: GAATGGAGGG CTGCCAGGAAGAAGG AGGCCCTGGC (SEQ ID No. 12)

Intron 15 (493):

Allele 1: AGCCCAGCTC G CCCCTCTCTC (SEQ ID No. 13)

Allele 2: AGCCCAGCTC A CCCCTCTCTC (SEQ ID No. 14)

FIG. 6



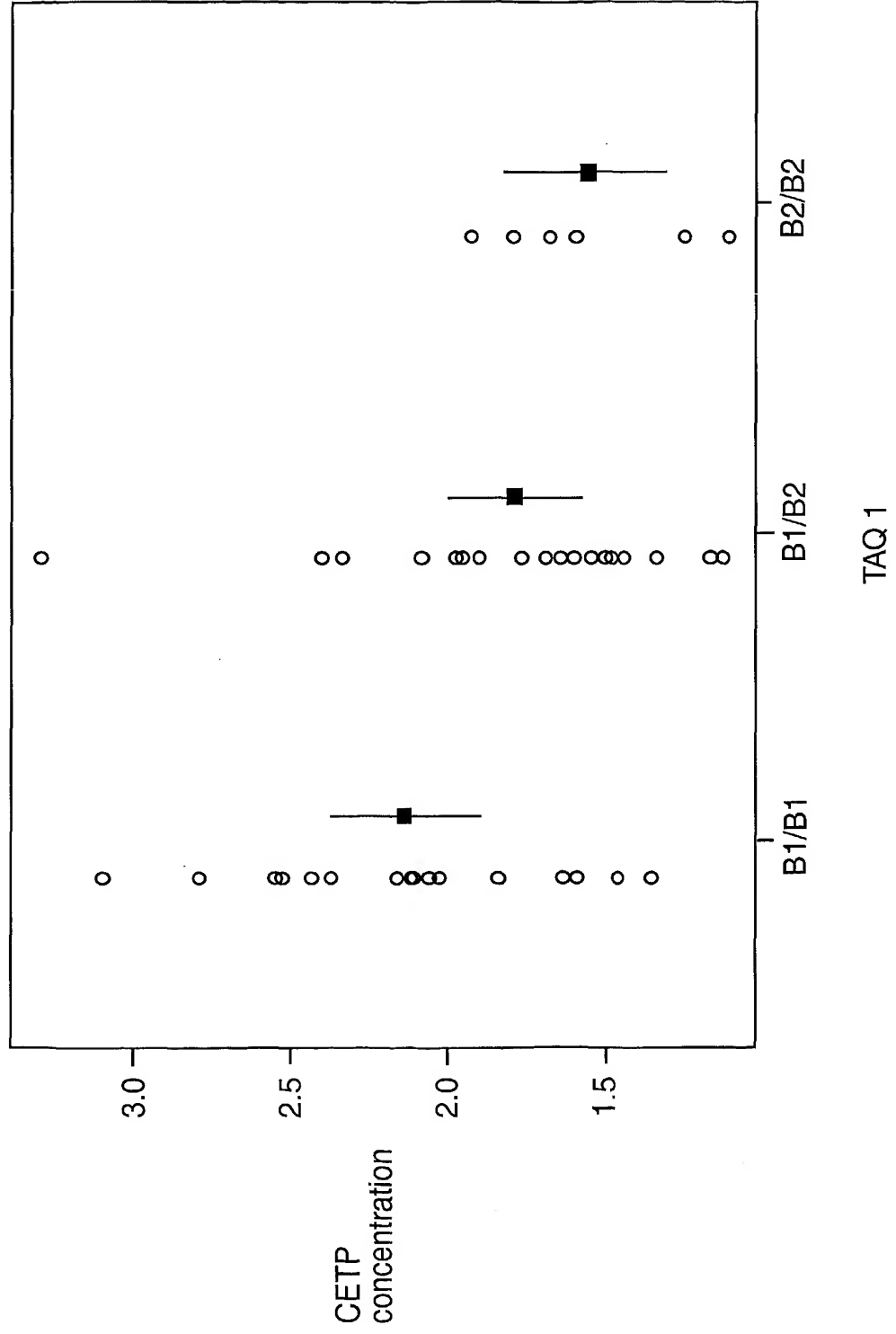
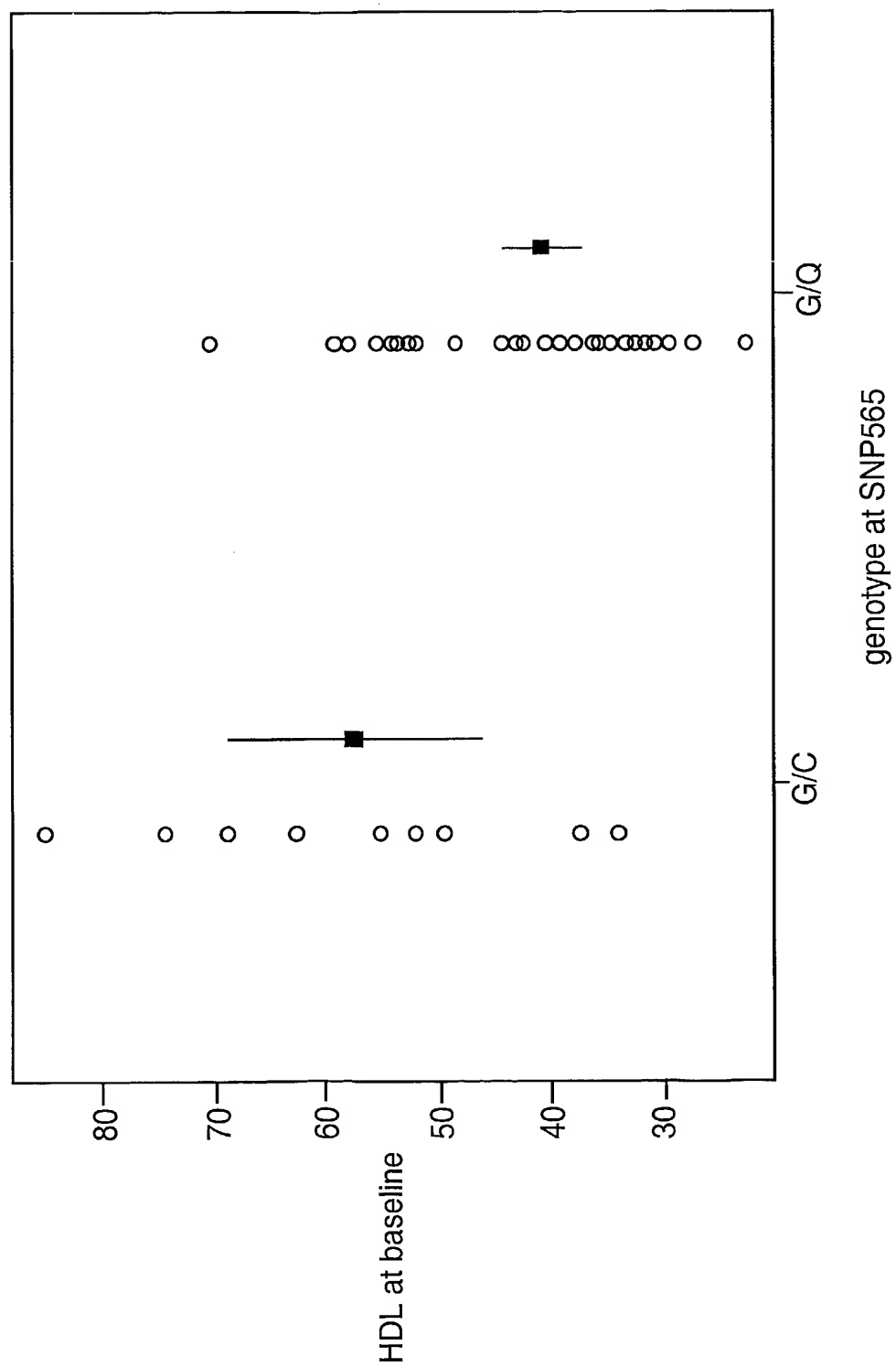


Figure 1 is a scatter plot showing the relationship between CETP concentration (Y-axis) and the M1/M2 ratio (X-axis). The Y-axis ranges from 1.5 to 3.0, and the X-axis ranges from 0.0 to 1.0. Data points are represented by open circles. Two specific points are highlighted with solid squares and horizontal error bars, indicating the CETP concentration at M1/M2 ratios of approximately 0.25 and 0.75.

M1/M2 Ratio	CETP Concentration
0.0	2.8
0.1	1.8
0.2	2.2
0.25	2.1
0.3	2.2
0.4	2.2
0.5	2.2
0.6	2.2
0.7	2.2
0.75	1.8
0.8	2.2
0.9	2.2
1.0	2.2

MSP1

M1/M2



A scatter plot showing CETP concentration (Y-axis, 1.5 to 3.0) versus the number of 1121 haplotypes (X-axis, 0 to 1). The data points are represented by open circles. Two specific points are highlighted with black squares and horizontal error bars: one at approximately (0.05, 2.2) and another at approximately (0.95, 2.8).

FIG. 11

